

a polyhydric alcohol having a hydroxyl group and introducing thereto an ion exchange group by a chemical modification comprising the step of introducing said ion exchange group by chemically bonding it to a hydroxyl group introduced from said (meth)acrylic acid ester of polyhydric alcohol having a hydroxyl group as the hydrophilic monomer (B), wherein said ion exchange group is covalently bonded to said polymer.

A1  
Cont. 3. (Amended) The packing material for solid phase extraction as claimed in claim 2, which contains an aromatic divinyl compound as the hydrophobic monomer (A) in an amount of 30% by mass or more based on a total amount of monomers.

4. (Amended) The packing material for solid phase extraction as claimed in claim 2, which contains an N-vinylcarboxylic acid amide as the hydrophilic monomer (B) in an amount of 5 to 60% by mass based on the total amount of monomers.

A2 5. (Amended) The packing material for solid phase extraction as claimed in claim 2, which contains a (meth)acrylic acid ester of a polyhydric alcohol having a hydroxyl group as the hydrophilic monomer (B) in an amount of 10% by mass or more based on a total amount of monomers.

A3 7. (Amended) The packing material for solid phase extraction as claimed in claim 2, wherein the ion exchange group covalently bonded is a sulfo group or a quaternary ammonium.

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10. (Amended) The packing material for solid phase extraction as claimed in claim 2,  
wherein an amount of an ion-exchange group covalently bonded is 5  $\mu$ -equivalent or more based  
on 1 dry gram of the packing material.

A3  
Cont. 9  
11. (Amended) The packing material for solid phase extraction as claimed in claim 2,  
which packs a packing apparatus.

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A4 13. (Amended) The packing material for solid phase extraction as claimed in claim 2,  
which is used for concentrating an objective component and/or removing impurities or  
contaminants.

14. (Amended) The packing material for solid phase extraction as claimed in claim 2,  
which has an average particle size of 1 to 200  $\mu$ m.

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15. (Amended) A method comprising carrying out a solid phase extraction employing a  
column switching method and the packing material for solid phase extraction described in claim  
2.

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16. (Amended) A column for solid phase extraction, comprising a column packed with  
the packing material for solid phase extraction described in claim 2.

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17. (Amended) A cartridge for solid phase extraction, comprising a cartridge packed with  
the packing material for solid phase extraction described in claim 2.

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